Title (en)

TRAFFIC MANAGEMENT IN ADAPTIVE STREAMING PROTOCOLS

Title (de)

VERKEHRSMANAGEMENT IN ADAPTIVEN STREAMING-PROTOKOLLEN

Title (fr)

GESTION DE TRAFIC DANS DES PROTOCOLES DE DIFFUSION EN FLUX ADAPTATIVE

Publication

EP 2638682 A4 20140723 (EN)

Application

EP 11839930 A 20111114

Priority

- US 41321610 P 20101112
- US 201161431361 P 20110110
- US 2011060657 W 20111114

Abstract (en)

[origin: US2012124179A1] A proxy server manages media-data traffic in a network by leveraging the logical separation between the playlist and media segments in modern adaptive streaming protocols to redefine a media stream from an end client's perspective. In various embodiments, the media stream can be redefined from the client's perspective by dynamically modifying the playlist before the playlist is received by the end client and/or by dynamically modifying requests for media segments before the requests are forwarded to a media-origin server.

IPC 8 full level

H04L 29/06 (2006.01); **H04L 12/24** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP US)

H04L 65/104 (2013.01 - EP US); **H04L 65/1045** (2022.05 - EP US); **H04L 65/65** (2022.05 - EP US); **H04L 65/752** (2022.05 - EP); **H04L 65/80** (2013.01 - EP US); **H04L 67/565** (2022.05 - EP US)

Citation (search report)

- [A] EP 1737182 A2 20061227 - CIT ALCATEL [FR]
- [AP] WO 2011139305 A1 20111110 - AZUKI SYSTEMS INC [US], et al
- See references of WO 2012065186A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2012124179 A1 20120517; EP 2638682 A2 20130918; EP 2638682 A4 20140723; WO 2012065186 A2 20120518; WO 2012065186 A3 20120830

DOCDB simple family (application)

US 201113295977 A 20111114; EP 11839930 A 20111114; US 2011060657 W 20111114